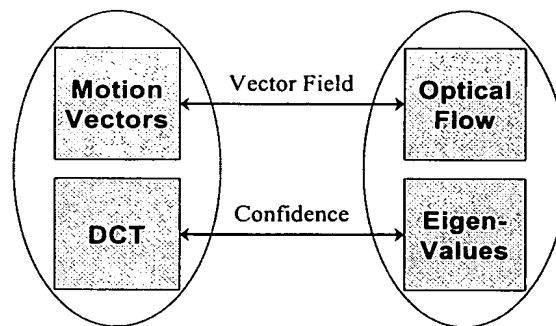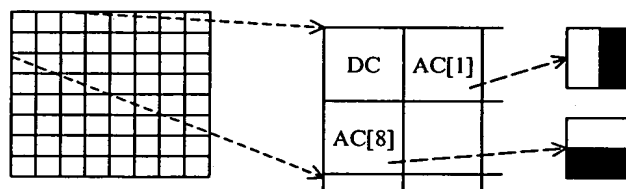Figure 1

Figure 2

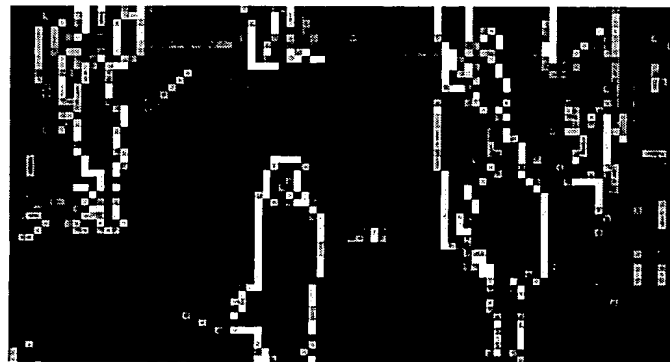Figure 3

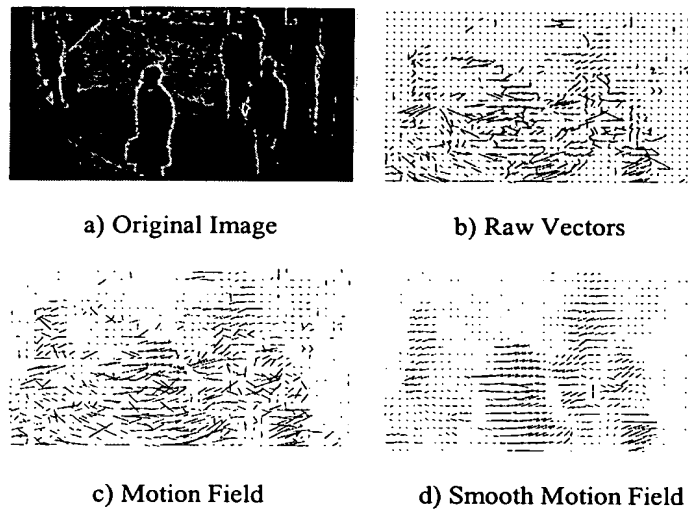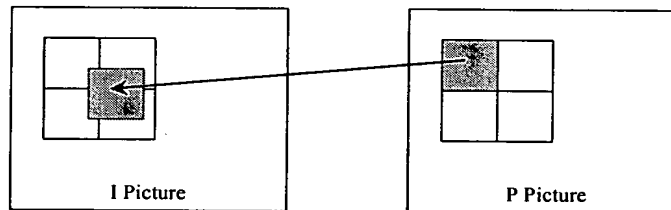Figure 4

a) Original Image

b) Raw Vectors

c) Motion Field

d) Smooth Motion Field

Figure 5

I Picture

P Picture

Figure 6

Figure 7

a) Raw LK field

b) λ_1 threshold
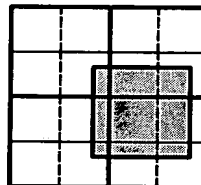
Figure 8
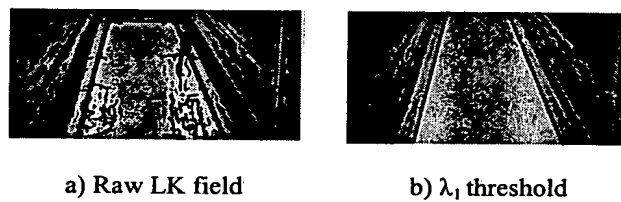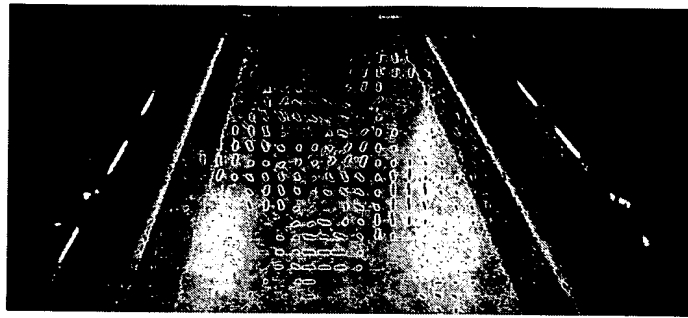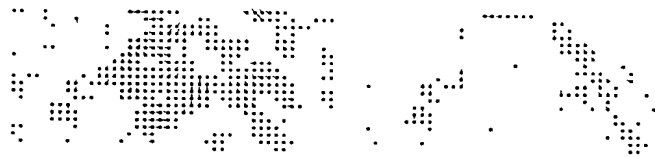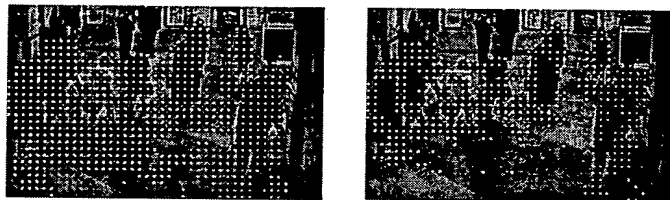
Figure 9

a) Before confidence thresh.   b) After confidence thresh.

Figure 10

a) Before confidence thresh.   b) After confidence thresh.

Figure 11

a) Dense LK field   b) MPEG-2 smooth motion field

Figure 12

Figure 13a

Figure 13b

Figure 14a

Figure 14b

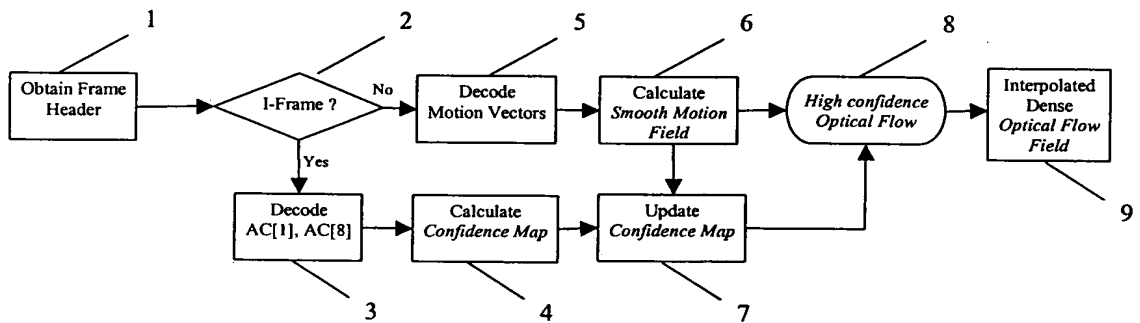a) MPEG-2 Smooth motion field   b) LK field

Figure 15

Figure 16